

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Previously Presented) A automated creation and delivery method for generating output material, comprising:
generating a customer record in a first database table to include fields specifying at least one product, customer preferences, and a selected output method to deliver generated output material on the product specified in the customer record;
receiving at least one customer record in the first database table to process;
accessing at least one content file by querying a second database table using values in one received customer record;
generating the content of each accessed file into the output material;
determining a selected one of a plurality of delivery options from the customer record;
and
transmitting the output material via the determined delivery option to the customer specified in the customer record.
2. (Previously Presented) The method of claim 1, wherein the customer records in the first database table are generated by a human operator interacting with a customer to determine customer and preferences.
3. The method of claim 1, wherein generating the customer records comprises executing a mining program against a database including customer information to determine information to populate at least one customer record from the customer.
4. The method of claim one 1, wherein the delivery options are members of the set of delivery options consisting of: electronic mail, facsimile, and postal mail.

5. The method of claim 4, further comprising automatically transforming the output material to a format compatible with the selected delivery option, wherein a different format is used for each delivery option, wherein the transformed output is transmitted to the customer via the selected delivery option.

6. The method of claim 4, wherein multiple customer records are processed, and wherein the output generated from the customer records differs for at least two customers and the delivery option used to transmit the output differs for at least two customers.

7. The method of claim 4, wherein the output material is automatically transmitted using one of the selected delivery options after generating the output material and further automatically printed for subsequent postal mailing to a customer street address.

8. (Previously Presented) The method of claim 1, further comprising:
processing a template including queries of records in the second database table;
wherein accessing at least one file using values in one received customer record further comprises:

(i) accessing at least one value in a field in one customer record to include in a query against the second database table; and

(ii) applying the query against the second database table to determine a record associated with a file including fields matching the query, wherein the accessed file is associated with the determined record, and wherein generating the content into the output material comprises generating the content into the template, which forms the output material.

9. (Currently Amended) The method of claim 8, wherein there are multiple files for each query, wherein the records associated with the files for each query have different values in at least one field, wherein determining the record comprises determining the record from the files associated with the query that matches [[the]] search criteria of the query.

10. (Original) The method of claim 9, wherein each query is maintained in a container in the template, wherein the file having the associated record that matches the query is generated into the container, further comprising resizing the appearance of the file content generated into the containers in the output material.

11. (Currently Amended) The method of claim [[9]] 10, further comprising accessing data from the customer record to insert into [[the]] text generated into the container from the accessed file generated into the container.

12. (Previously Presented) An automated creation and delivery system for generating output material, comprising:

- means for generating a customer record in a first database table to include fields specifying at least one product, customer preferences, and a selected output method to deliver generated output material on the product specified in the customer record;

- means for receiving at least one customer record in the first database table to process;

- means for accessing at least one content file by querying a second database table using values in one received customer record;

- means for generating the content of each accessed file into the output material;

- means for determining a selected one of a plurality of delivery options from the customer record; and

- means for transmitting the output material via the determined delivery option to the customer specified in the customer record.

13. (Previously Presented) The system of claim 12, further comprising means for allowing a human operator to enter the data for the customer records in the first database table when interacting with a customer to determine customer preferences.

14. (Previously Presented) The system of claim 12, wherein the means for generating the customer records comprises executing a mining program against a database including customer information to determine information to populate at least one customer record from the customer.

15. (Original) The system of claim 12, wherein the delivery options are members of the set of delivery options consisting of: electronic mail, facsimile, and postal mail.

16. (Original) The system of claim 15, further comprising means for automatically transforming the output material to a format compatible with the selected delivery option, wherein a different format is used for each delivery option, wherein the transformed output is transmitted to the customer via the selected delivery option.

17. (Original) The system of claim 15, further comprising means to batch process multiple customer records, wherein the output generated from the customer records differs for at least two customers and the delivery option used to transmit the output differs for at least two customers.

18. (Original) The system of claim 15, further comprising:
means for automatically transmitting the output material using one of the selected delivery options after generating the output material; and
means for automatically printing the output material for subsequent postal mailing to a customer street address.

19. (Previously Presented) The system of claim 12, further comprising:
means for processing a template including queries of records in the second database table;
wherein the means for accessing at least one file using values in one received customer record further performs:
(i) accessing at least one value in a field in one customer record to include in a query against the second database table; and

(ii) applying the query against the second database table to determine a record associated with a file including fields matching the query, wherein the accessed file is associated with the determined record, and wherein the means for generating the content into the output material comprises generating the content into the template, which forms the output material.

20. (Currently Amended) The system of claim 19, wherein there are multiple files for each query, wherein the records associated with the files for each query have different values in at least one field, wherein the means for determining the record comprises determining the record from the files associated with the query that matches [[the]] a search criteria of the query.

21. (Original) The system of claim 20, wherein each query is maintained in a container in the template, wherein the file having the associated record that matches the query is generated into the container, further comprising means for resizing the appearance of the file content generated into the containers in the output material.

22. (Previously Presented) An article of manufacture for providing an automated creation and delivery system for generating output material, the article of manufacture comprising a computer usable media including at least one computer program embedded therein that is capable of causing at least one computer to perform:

generating a customer record in a first database table to include fields specifying at least one product, customer preferences, and a selected output method to deliver generated output material on the product specified in the customer record;

receiving at least one customer record in the first database table to process;

accessing at least one content file by querying a second database table using values in one received customer record;

generating the content of each accessed file into the output material;

determining a selected one of a plurality of delivery options from the customer record;

and

transmitting the output material via the determined delivery option to the customer specified in the customer record.

23. (Previously Presented) The article of manufacture of claim 22, wherein the customer records in the first database table are generated by a human operator interacting with a customer to determine customer and preferences.

24. (Original) The article of manufacture of claim 22, wherein generating the customer records comprises executing a mining program against a database including customer information to determine information to populate at least one customer record from the customer.

25. (Original) The article of manufacture of claim 22, wherein the delivery options are members of the set of delivery options consisting of: electronic mail, facsimile, and postal mail.

26. (Original) The article of manufacture of claim 25, further comprising automatically transforming the output material to a format compatible with the selected delivery option, wherein a different format is used for each delivery option, wherein the transformed output is transmitted to the customer via the selected delivery option.

27. (Original) The article of manufacture of claim 25, wherein multiple customer records are processed, and wherein the output generated from the customer records differs for at least two customers and the delivery option used to transmit the output differs for at least two customers.

28. (Original) The article of manufacture of claim 25, wherein the output material is automatically transmitted using one of the selected delivery options after generating the output material and further automatically printed for subsequent postal mailing to a customer street address.

29. (Previously Presented) The article of manufacture of claim 22, further comprising:
processing a template including queries of records in the second database table;

wherein accessing at least one file using values in one received customer record further comprises:

- (i) accessing at least one value in a field in one customer record to include in a query against the second database table; and
- (ii) applying the query against the second database table to determine a record associated with a file including fields matching the query, wherein the accessed file is associated with the determined record, and wherein generating the content into the output material comprises generating the content into the template, which forms the output material.

30. (Currently Amended) The article of manufacture of claim 29, wherein there are multiple files for each query, wherein the records associated with the files for each query have different values in at least one field, wherein determining the record comprises determining the record from the files associated with the query that matches [[the]] a search criteria of the query.

31. (Original) The article of manufacture of claim 30, wherein each query is maintained in a container in the template, wherein the file having the associated record that matches the query is generated into the container, further comprising resizing the appearance of the file content generated into the containers in the output material.

32. (Currently Amended) The article of manufacture of claim 30, further comprising accessing data from the customer record to insert into [[the]] text generated into the container from the accessed file generated into the container.